



TWO-WHEELED CART.

Material for the Construction of One Can Be Found Lying Around on Every Farm.

The wheelbarrow is one of the things no farmer who has much feeding or other heavy carrying to do can be without unless, of course, he has something better. For nearly everything, a two-wheeled cart is handier and easier to handle than the barrow. There may be such a thing on the market but I have never seen it. At any rate, there is the material for the construction of one on nearly every farm, and the farmer himself can construct it on some rainy day or idle spell. For running gears, a broken-down, or disused cultivator—most farmyards have two or three—furnishes the best of wheels. A handy width is from three to four feet, vary-

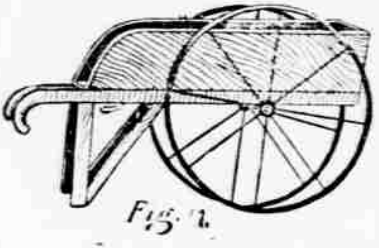


Fig. 1.

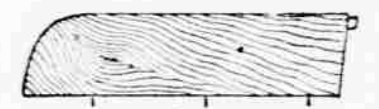


Fig. 2.

TWO-WHEELED GARDEN CART.

ing, of course, with the use the cart is to be put to. If to be used by the boys of the farm it should not be large. The handles are bolted to the axle, and a frame made of 2 by 4's bolted to the axle and handles. This frame should set so that about a third of its length will reach in front of the axle. This will give the proper balance when pushing a load. A platform of inch boards is nailed to the frame, and an end put on by means of straps of iron, to insure strength. Removable sideboards are made of wide boards. Holes are bored, three along each side of the platform. Pins are driven into the bottom of the sideboards to correspond and fit into the holes in the bottom of the platform. At the upper side, on the front end of the board, is a staple into which a hook, fastened to the front end of the box, slips when in place and holds it firm. There are many places about a farm where this cart will be found convenient. Fig. 1 shows the cart complete and Fig. 2, one of the sideboards.—Ohio Farmer.

CRANBERRY PATCHES.

How to Utilize Waste Places on Farms Where There is a Perennial Spring or Brook.

On a well-tilled farm between cultivated fields was a mud-hole covering an eighth of an acre, caused by the spreading out of the brook. The farmer believed in utilizing the waste places and making every part of the farm contribute to the general purpose. The spring from which came the brook could not be interfered with because it produced excellent water and was worth more than anything that could be grown in the meadow, for after passing through the swamp it ran into a trough in the pasture where the cattle had access to it.

There were several ways of improving this meadow and of giving the water from the spring uninterrupted flow, but all were costly except the one decided upon. He made a cranberry bog of the meadow. It costs about \$300 an acre to make a good bog, but it pays. Several things are necessary, and one of them is facility for flooding in the fall to prevent damage by early frosts. In this bit of meadow the farmer raised cranberries as large as cherries, always welcome to any table, and always in demand in the market, especially when sugar is low. Wherever there is a perennial spring or brook (heaven help the farm that has neither) there are usually moist, unutilized places, but exactly adapted to cranberry culture. Put in a few cranberry plants, for cranberry sauce is sauce for anything. It is more than sauce; it is food, and may be just the medicine the system needs.—George Appleton, in Farm and Fireside.

Cows Need Lots of Water.

No dairyman who makes a study of his business is satisfied with watering his herd once a day. If his cattle can be induced to drink two or three times a day he is glad of it. All the cattle may not be equally thirsty at the same time. Cows require an immense amount of water, as every farmer boy has noticed. Experiments have shown that the average milk cow needs about 81 pounds of water a day while in milk—this is nearly ten gallons—and over 50 pounds while dry. Of this the cow in milk takes rather more than two-thirds as drink and the rest in her food, while the dry cow takes rather less than two-thirds as drink and little more than one-third in her food.—Farmer's Review.

Petroleum Settles the Dust.

A writer in a St. Paul paper states that he recently drove over a piece of road at Fort Worth, Tex., which was treated last fall with a wetting with crude petroleum. He says that during five months of drought, when all other roads were enveloped in dust, this one was clear of it, and that when heavy rain made mud of the dusty roads this one remained dry and pleasant.

PAIN COMMON SENSE.

Really Nothing Else Is Required to Raise Healthy Calves Under Ordinary Conditions.

In all my experience I never lost but one young calf while it was sucking its dam. That was many years ago when Hungarian grass first put in an appearance with us, and the hay fed to the cow killed the calf, writes a contributor to Homestead. The milk caked in the calf's stomach. My experience has always been to restrict the feed of the cow for two or three weeks before calving, and if this is properly done I think there will, as a rule, be no scours in the calf. The fatter the cow the more care is necessary. I have had cows come in that were fit for the butcher's block, and have allowed the calves to take all the milk they would, and this, too, without harm to them. When the cow is not on grass I feed hay, and not too much, with no grain whatever for at least a week before calving. I also give a little wheat bran every other day for the sake of the regulating effect. Let the cow get a little hungry at this time, and it will not hurt her, while it will benefit the calf. This way of feeding with me has always got the cow and her milk in such a condition that the calf can have all it wants of it, and I only take away what is left. Sometimes the calf may be a little constipated, and when this is so feed more bran and all will come right. With me the question has not been so much the quantity as the quality of milk that makes the healthy calf. I invariably leave the cow and calf together for the first week or two.

During the month of May the cow should be on the grass, but as calving time draws near she should be in the stable at night. In June, when the grass should be at its best, look out for milk fever. If you have a lot where the grass is short and not too plentiful, that is the best place for her. The main idea that I would impress is when the cow is fat and has been fed high for about three weeks before calving, the rich feed must be taken away or scours in the calf will follow. You may think it an epidemic or call it what you will, but I am satisfied this is the cause that kills many a calf, and what will kill one will kill more. I think the idea here advanced applies to horses and hogs as well. As to the sheep, I know nothing about them.

HANDLING CORN FODDER.

When Cut at the Right Time, and Properly Cured, It is a Mine of Wealth to Farmers.

Corn fodder is not an article of commerce, but as a feed it is worth about as much, here for here, as hay. In order to get the most out of corn fodder it is necessary for the farmer to keep stock enough to consume it all and to cut, cure and save it in the best possible condition. It should be cut when most of the husks have turned brown. If cut earlier it is apt to be injured by molding in the shock or by warm rains before it is thoroughly cured. If it is left standing too long it declines steadily in value as a feed until it is worthless. Shocks should contain from 100 to 120 hills. Smaller shocks leave too much of the fodder exposed to the action of the air, sunshine and rains which injure the outer leaves and stalks. As soon as the corn will do to crib it should be husked, the fodder shredded and run into a mow in the barn; it is then secure from injury and is in the very best form to feed and also to use as bedding. The cheapest way to husk and shred the fodder is to use a machine which does both at one operation. Shredded fodder will not make animals' mouths sore as that cut in short pieces does. Another good method of caring for fodder is to tie it in bundles as it is husked, and haul it into the barn or stack it in long, narrow ricks that can be used from the end as wanted. If the bundles are set up in the field in large shocks and securely tied, the fodder will keep well nearly all winter. Fodder left standing in the field to be gleaned over by the stock is mostly wasted and is a nuisance on any farm. It is also hard to plow under for the next crop and it is an expensive job to break it off, rake and burn it. When cut, properly cured and cared for, and fed to stock, corn fodder is a mine of wealth.—Evan L. Chaffant, in Prairie Farmer.

FOR HAULING MANURE.

How to Construct a Platform Which Robs This Disagreeable Work of Its Worst Features.

Manure hauling is generally a hard and disagreeable job, yet it is one that all successful farmers must perform. By the usual method of hauling it in



PLATFORM FOR HAULING MANURE.

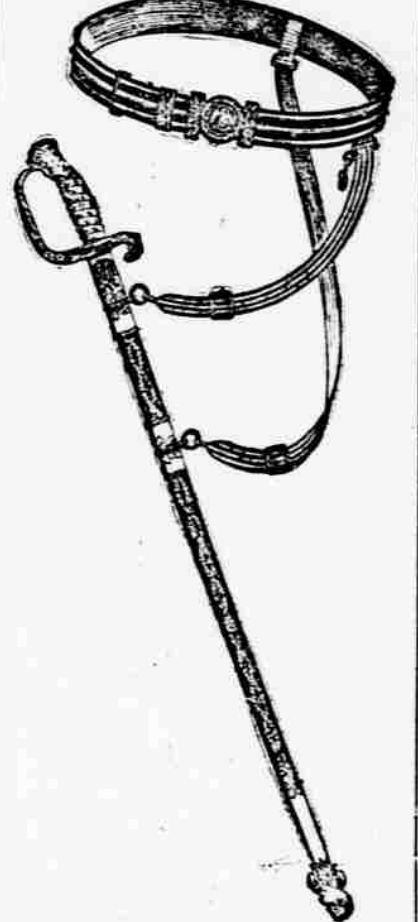
the farm wagon both the loading and the scattering are hard work. If a man does his duty by his farm he will use a manure platform often enough to pay for having one. The accompanying sketch will show one on low-wheeled running gears, and without the sideboards, which are easily put on when required. It is merely a platform nailed to two by fours, which are bolted securely to a frame made of two by six plank which fits inside the standards that hold the wagon box in place. There are hicks cut through the platform to let the tops of these standards through. The platform sets just high enough to be free of the wheels. It can be made seven feet wide if that width is desired.—J. L. Irwin, in Agricultural Epitome.

The demand for lamb and mutton has not been over-supplied.

NATION'S GREETING TO DEWEY.

Features of the Reception to the Manila Hero in Washington.

The central idea underlying the grand welcome to be given Admiral Dewey in Washington the first week in October is its national character. His arrival at the Capital will mark his real home-coming to the American people, where the officials of the government will participate, and the magnificently jeweled sword voted by Congress will be presented. To that end all the arrangements will be of a simple but most dignified character. The welcome to the hero of Manila at the National Cap-



Sword Voted by Congress to Dewey.

ital will probably occur on Monday, October 2, although the date will depend upon the length of the celebration in New York, which is still unsettled. The principal feature of the reception in Washington, as planned by the citizens, without the operation of the President and Cabinet, will be two in number—the presentation of the sword voted by Congress and a night parade. A public reception at the White House will be followed by dinner to the Admiral by President McKinley. The sword will be presented by Secretary Long, at the east front of the Capitol, in the presence of Mr. McKinley and all the members of the Cabinet, late in the afternoon, while the parade, consisting of organizations of all kinds, will be accompanied by an illumination of the city on a scale of beauty never before witnessed in Washington.

The different features of the preparations are in the hands of a central body of citizens and eleven committees, embracing in all over a thousand people. Preparations for the celebration have been in hand for over a month. The Baltimore and Ohio Railroad and other railroads entering Washington have agreed upon cheap rates for the celebration, and the committee expects that there will be an outpouring of patriotic citizens almost equal to the inauguration of a President.

Polly in Paradise.

Their parrot had died, and young Master Tommy, with his little sister Jennie, had just concluded the funeral services over the grave of their feathered pet. "I suppose Polly is in Heaven now," remarked Jennie, tearfully. "Yes," returned Master Tommy, "I suppose so." "He—her wings, but," he wouldn't be an angel up there, would he?" inquired the little maid, anxious about his present status. "Oh!" cried Tommy; "he wouldn't be an angel; only people is that." "Then what do you suppose he is now?" persisted his sister. "Tommy thought for a moment. Then the light of inspiration dawned on his beaming countenance. "I guess Polly is a bird of paradise now," he announced joyfully.—Troy Times.

Too Serious.

"Do you think his intentions are serious?" asked her best girl friend. "Altogether too serious," was the reply. "He asked me yesterday if I would consent to have my life insured in favor of my husband when I married."—Spare Moments.

THE MARKETS.

New York, Sept. 13.	
CATTLE—Native Steers.....	4 50 58 60
COTTON—Middling.....	12 1/2 12 3/4
FLOUR—Winter Wheat.....	2 80 3 10
WHEAT—No. 2 Red.....	72 1/2 73 1/2
CORN—No. 2.....	98 99
OATS—No. 2.....	28 29
PORK—Mess.....	9 10 9 11
ST. LOUIS.	
COTTON—Middling.....	12 1/2 12 3/4
BEEVES—All Grades.....	4 50 4 60
COWS and Heifers.....	3 50 3 60
CALVES—per 100.....	4 50 4 60
HOGS—Fair to Choice.....	4 50 4 60
SHEEP—Fair to Choice.....	4 50 4 60
FLOUR—Patents (new).....	3 80 3 90
Clear and Straight.....	3 50 3 60
WHEAT—No. 2 Red.....	72 1/2 73 1/2
CORN—No. 2.....	98 99
OATS—No. 2.....	28 29
RYE—No. 2.....	30 31
TOBACCO—Leaf (Burley).....	12 1/2 13 1/2
HAY—Clear Timothy (new).....	15 1/2 16 1/2
BUTTER—Choice Dairy.....	24 25
EGGS—Fresh.....	12 13
PORK—Standard Mess.....	9 10 9 11
BACON—Clear Rib.....	10 11
LARD—Prime Steam.....	8 9
CHICAGO.	
CATTLE—Native Steers.....	4 30 4 40
HOGS—All Grades.....	4 10 4 20
SHEEP—Fair to Choice.....	3 50 3 60
FLOUR—Winter Patents.....	3 80 3 90
Spring Patents.....	3 40 3 50
WHEAT—No. 2 Red.....	72 1/2 73 1/2
CORN—No. 2.....	98 99
OATS—No. 2.....	28 29
PORK—Mess (new).....	9 10 9 11
KANSAS CITY.	
CATTLE—Native Steers.....	4 10 4 20
HOGS—All Grades.....	4 10 4 20
WHEAT—No. 2 Red.....	66 67
OATS—No. 2 White.....	22 1/2 23 1/2
CORN—No. 2.....	28 29
NEW ORLEANS.	
FLOUR—High Grade.....	3 40 3 50
CORN—No. 2.....	30 31
OATS—Western.....	24 25
HAY—Choice.....	14 50 15 50
PORK—Standard Mess.....	9 10 9 11
BACON—Clear Rib.....	10 11
COTTON—Middling.....	12 1/2 12 3/4
LOUISVILLE.	
WHEAT—No. 2 Red.....	64 65
CORN—No. 2 Mixed.....	31 32
OATS—No. 2 Mixed.....	22 1/2 23 1/2
PORK—New Mess.....	9 10 9 11
BACON—Clear Rib.....	10 11
COTTON—Middling.....	12 1/2 12 3/4

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The first five minutes after an accident a man is grateful that he escaped with his life; after that he begins to complain his pants were torn.—Archison Globe.

To Cure a Cold in One Day.

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A girl of 16 should remember how soon 26 is reached, and be more considerate.—Archison Globe.

Piso's Cure for Consumption has no equal as a cough medicine.—F. M. Abbott, 383 Seneca St., Buffalo, N. Y., May 9, 1894.

This may be a horseless age, but money continues to make the mare go just the same.—Chicago Daily News.

Hall's Catarrh Cure

is taken internally. Price 75c.

The more horse sense a man has the less he bets on the races.—Chicago Daily News.

Mrs. Barnard Thanks MRS. PINKHAM FOR HEALTH.

[LETTER TO MRS. PINKHAM NO. 1899]

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